

Figure 1

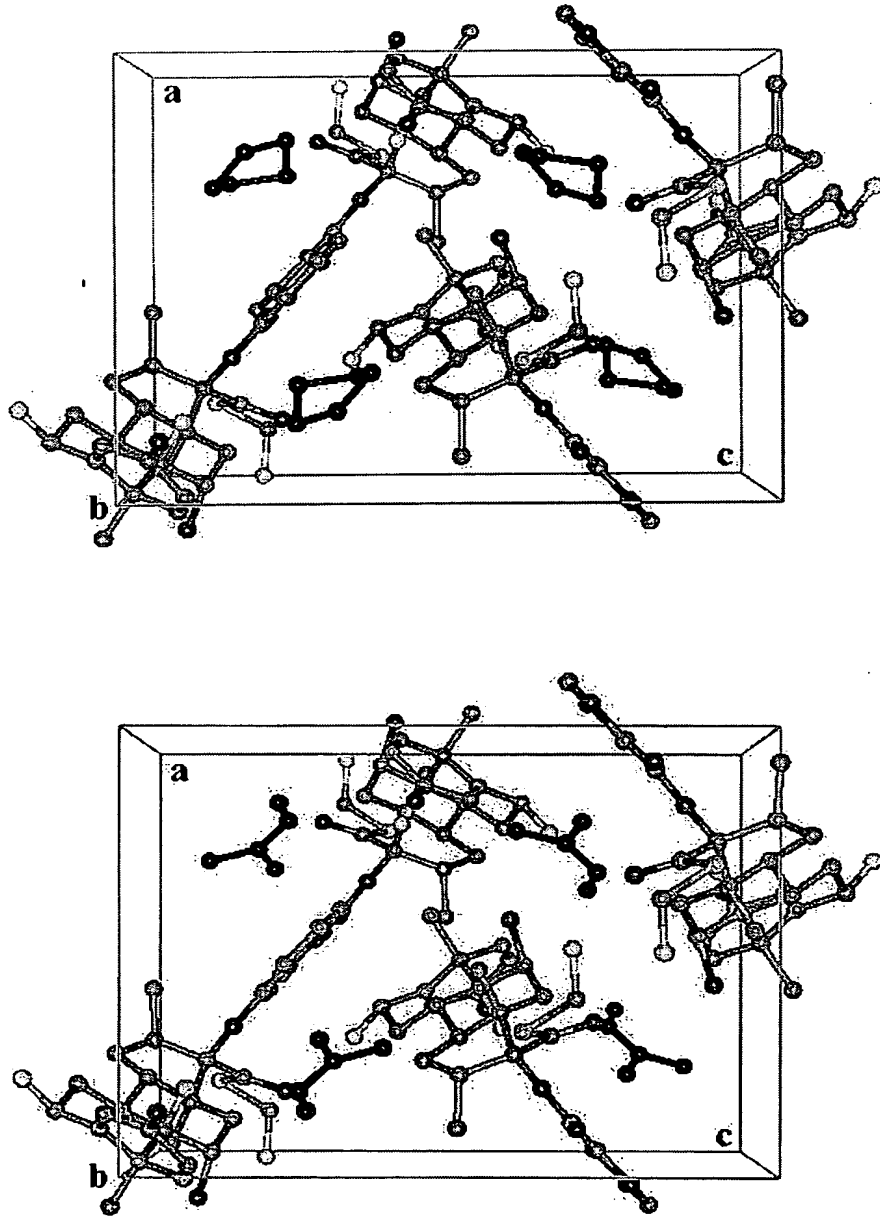


Figure 2A

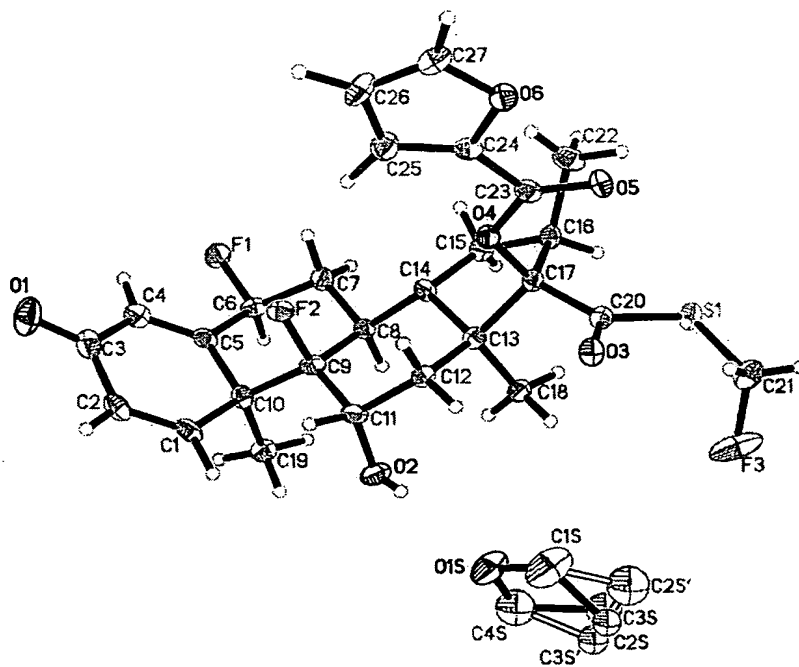


Figure 2B

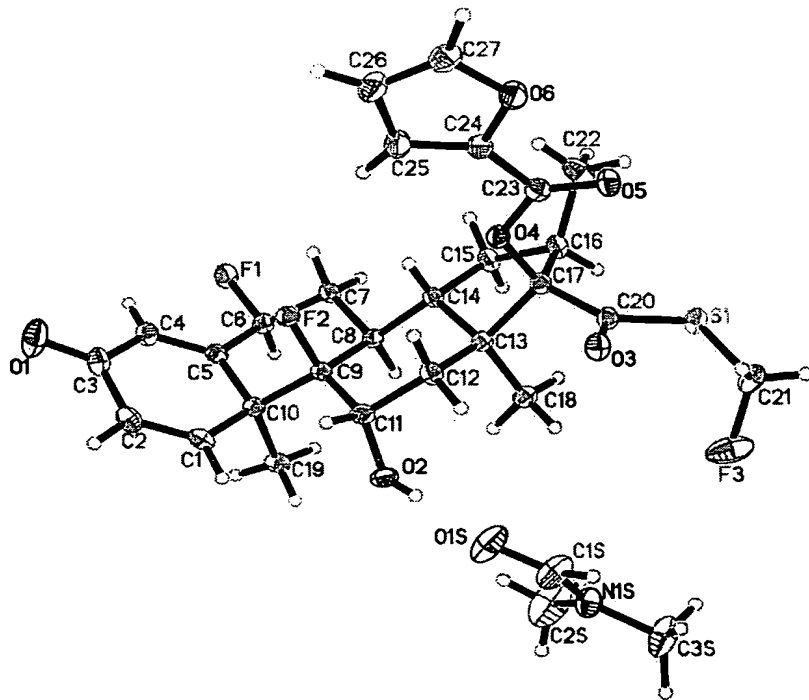


Figure 3

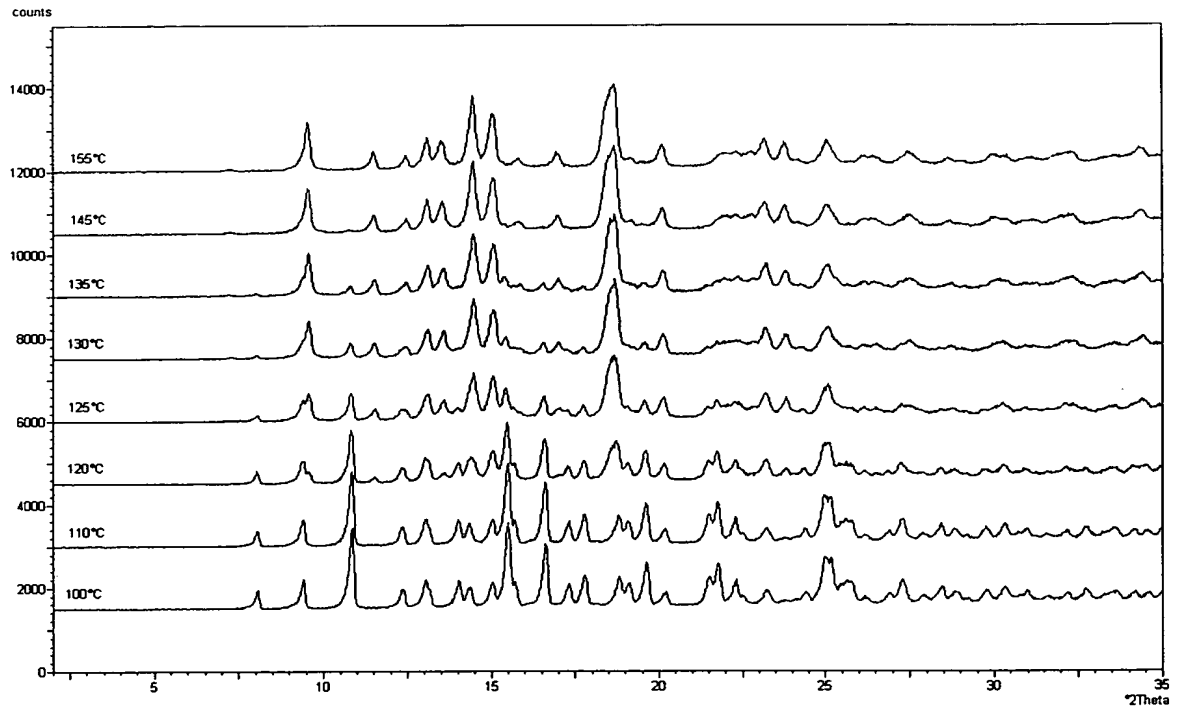
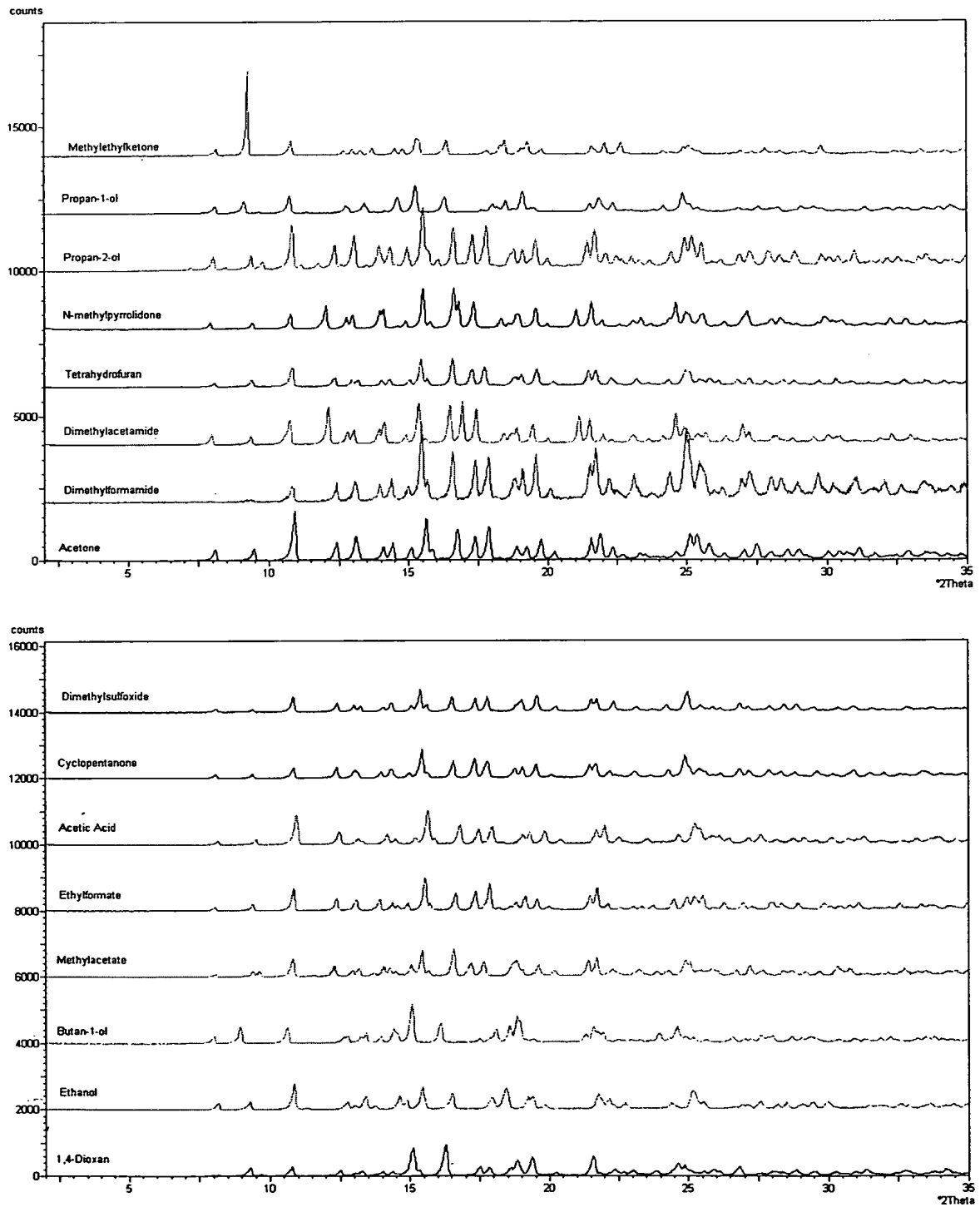


Figure 4



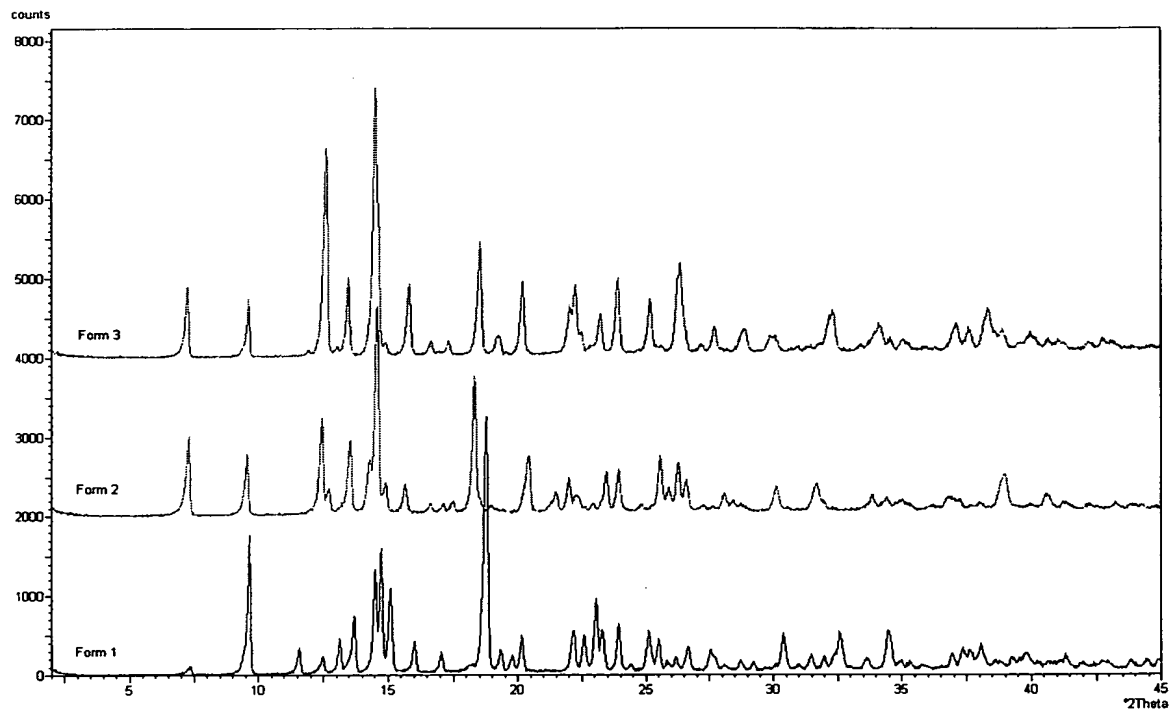
[illegible]

Figure 6

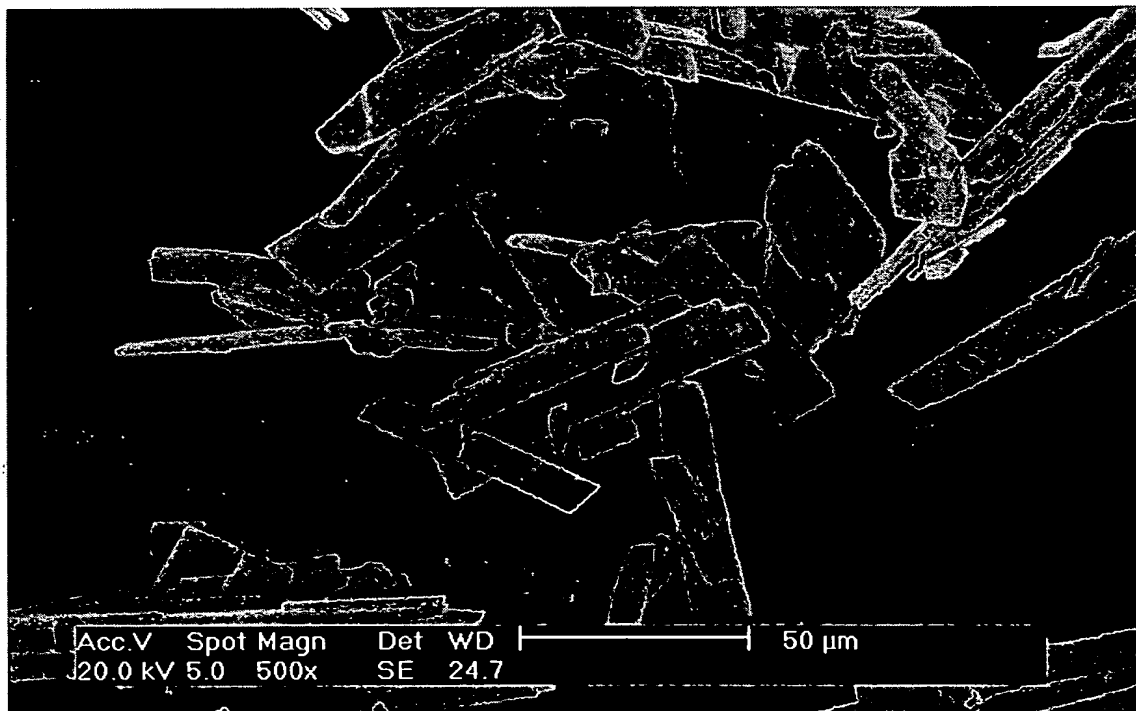
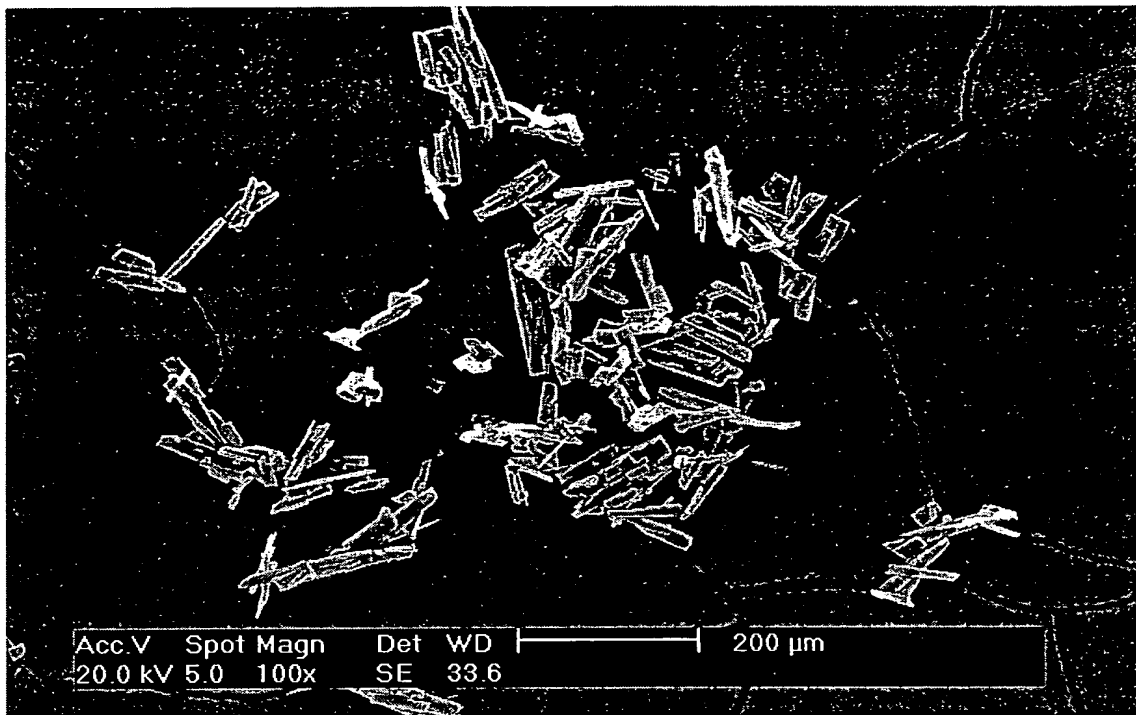
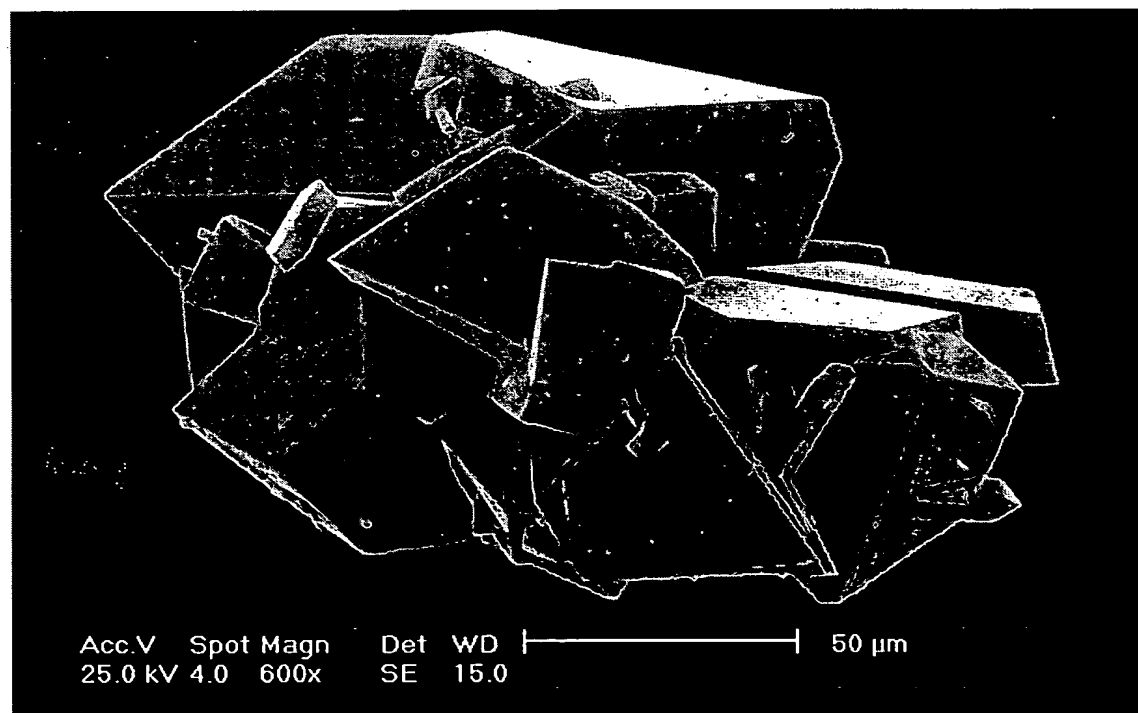
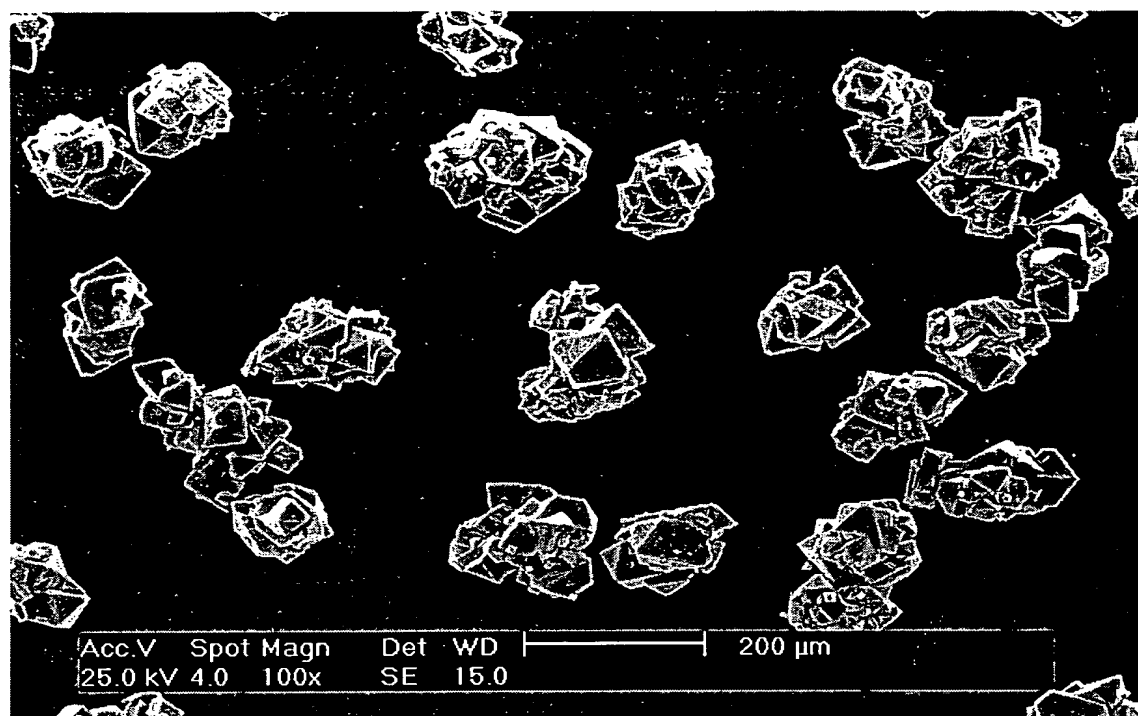


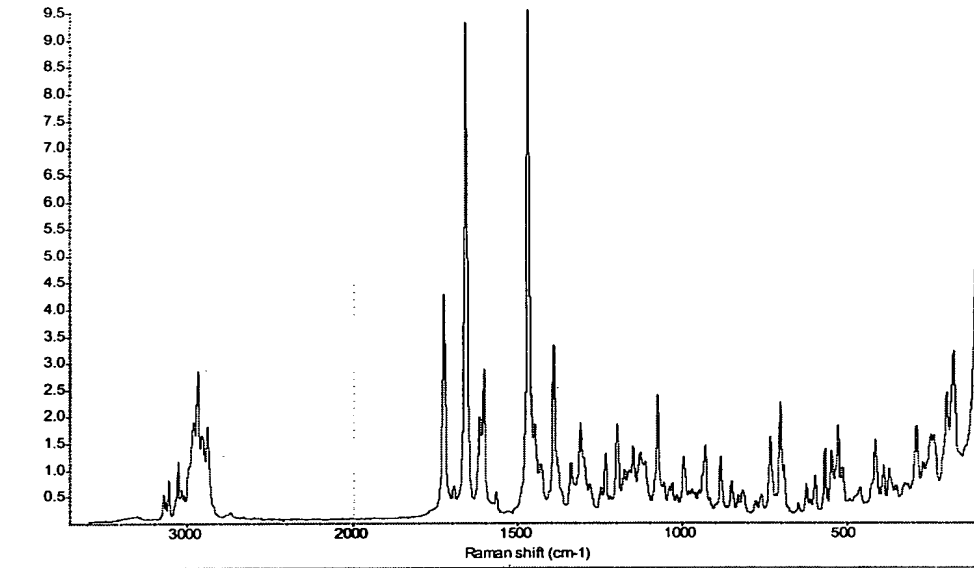
Figure 7





[illegible]

Figure 9



The figure is a Raman spectrum plot. The y-axis is labeled 'Raman intensity' and ranges from 0 to 12. The x-axis is labeled 'Raman shift (cm⁻¹)' and ranges from 3000 to 500. A vertical dotted line is positioned at 2000 cm⁻¹. The spectrum shows a baseline with several peaks. A small peak is at ~3000 cm⁻¹, a cluster of peaks is between 2800 and 2600 cm⁻¹, a sharp peak is at ~1500 cm⁻¹, and a series of smaller peaks are visible in the 1500 to 500 cm⁻¹ range.

Figure 11

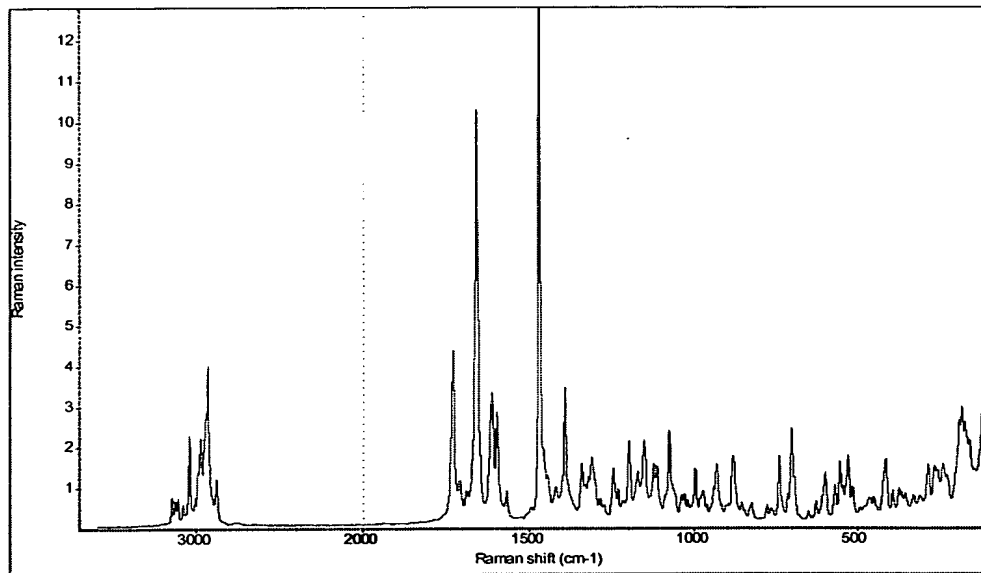


Figure 12

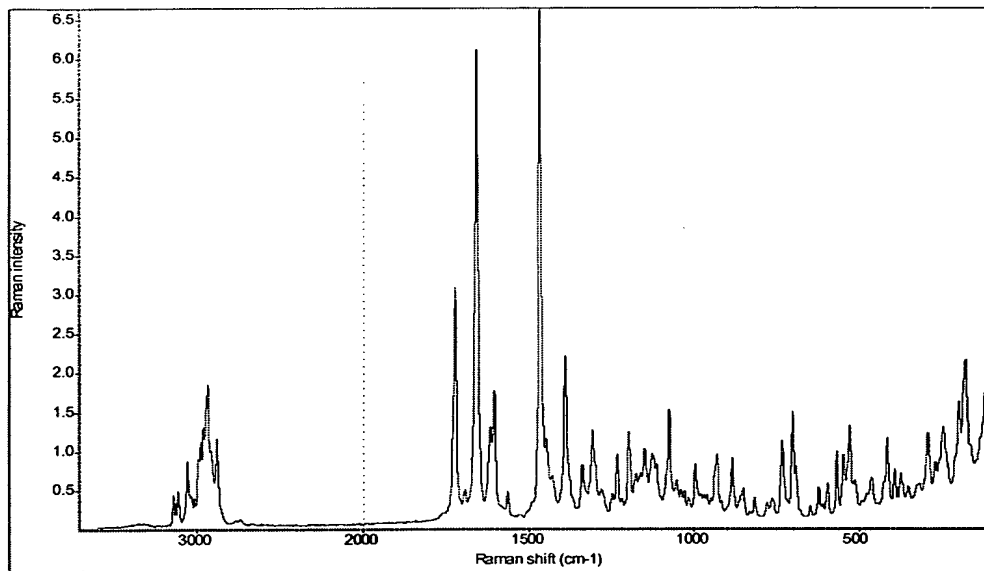


Figure 13

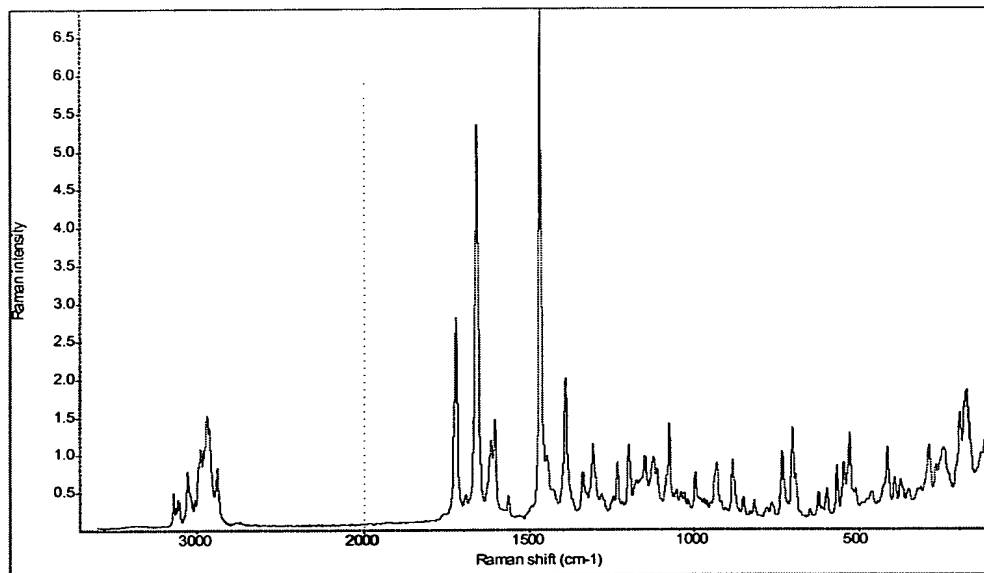


Figure 14

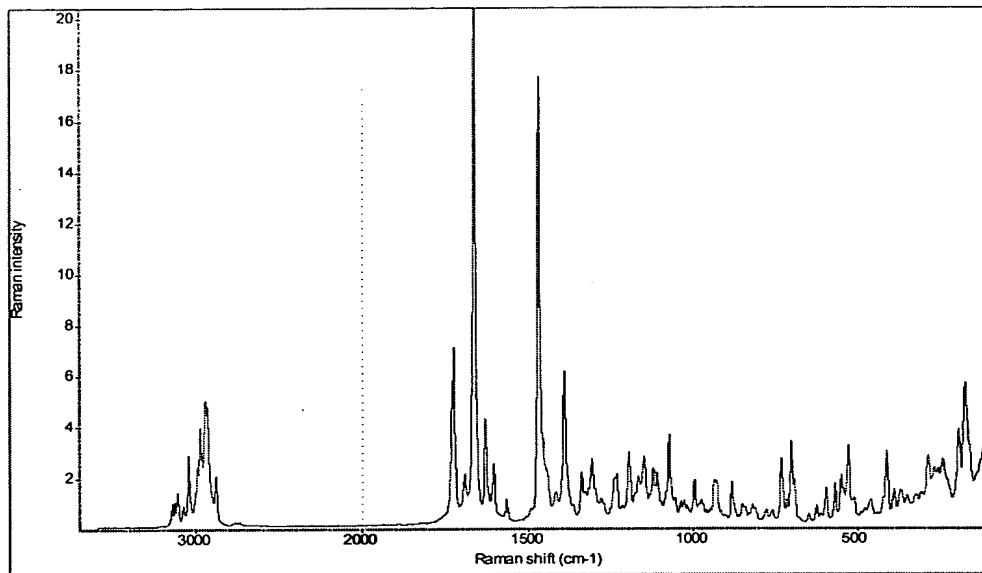


Figure 15

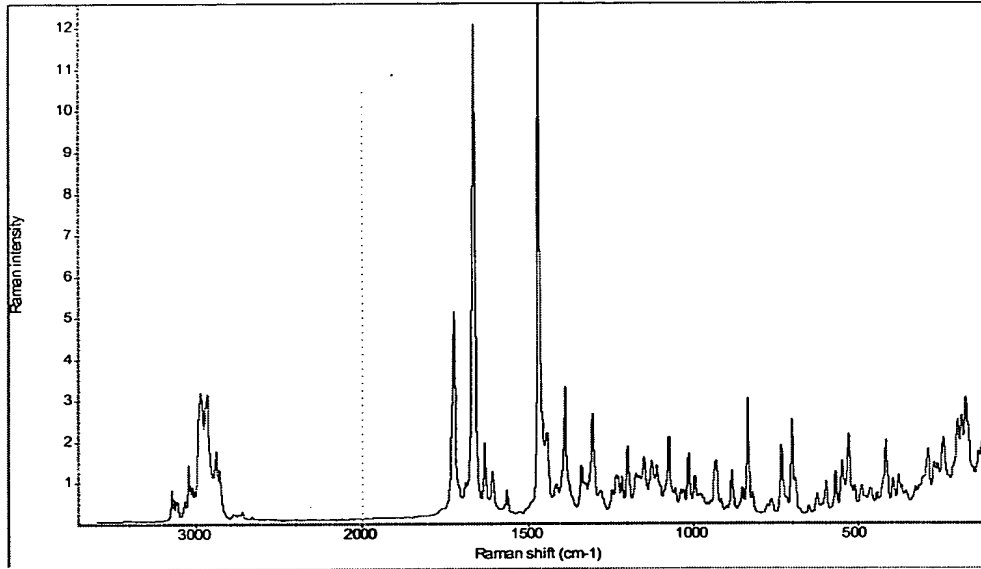




Figure 16

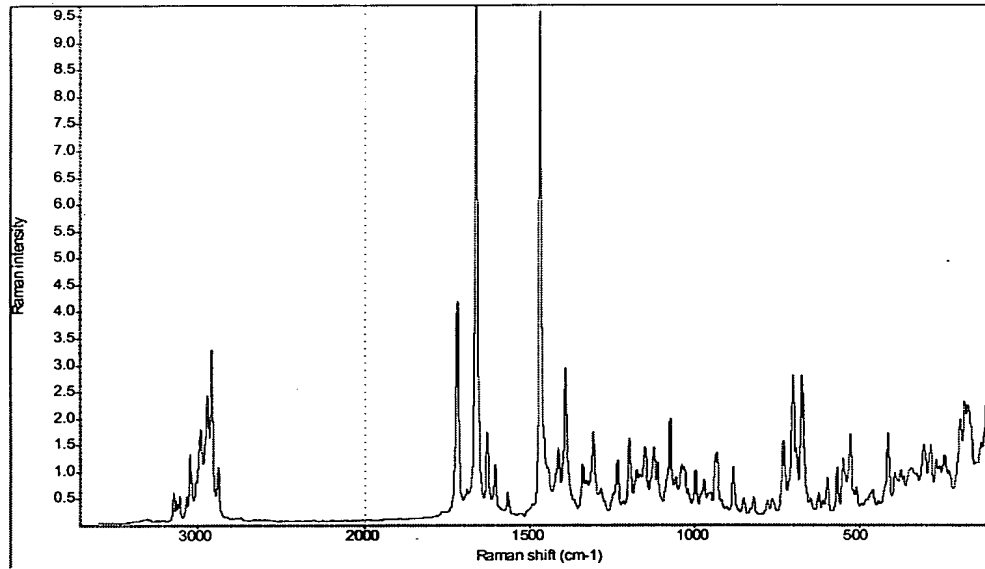


Figure 17

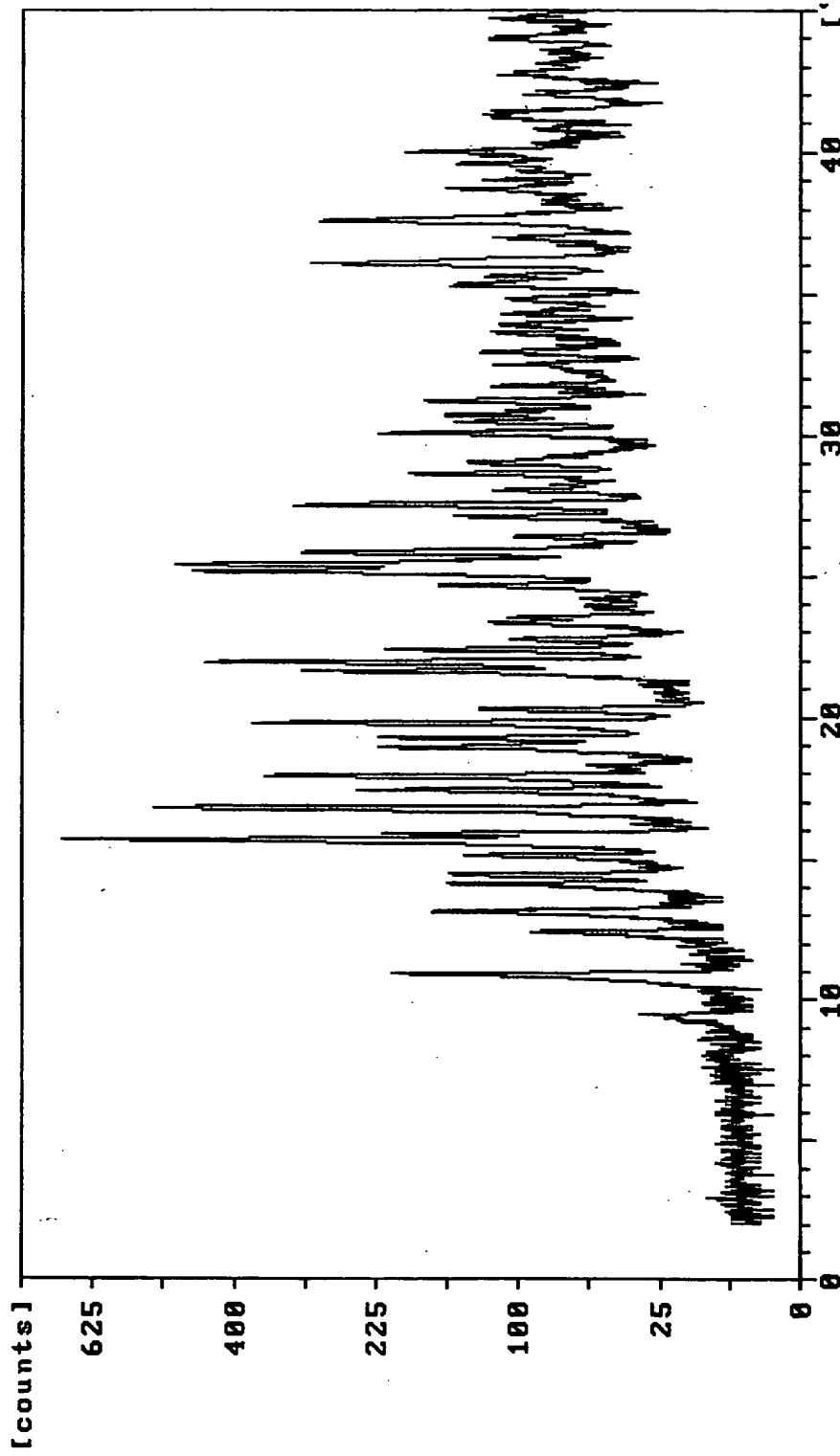


Figure 18

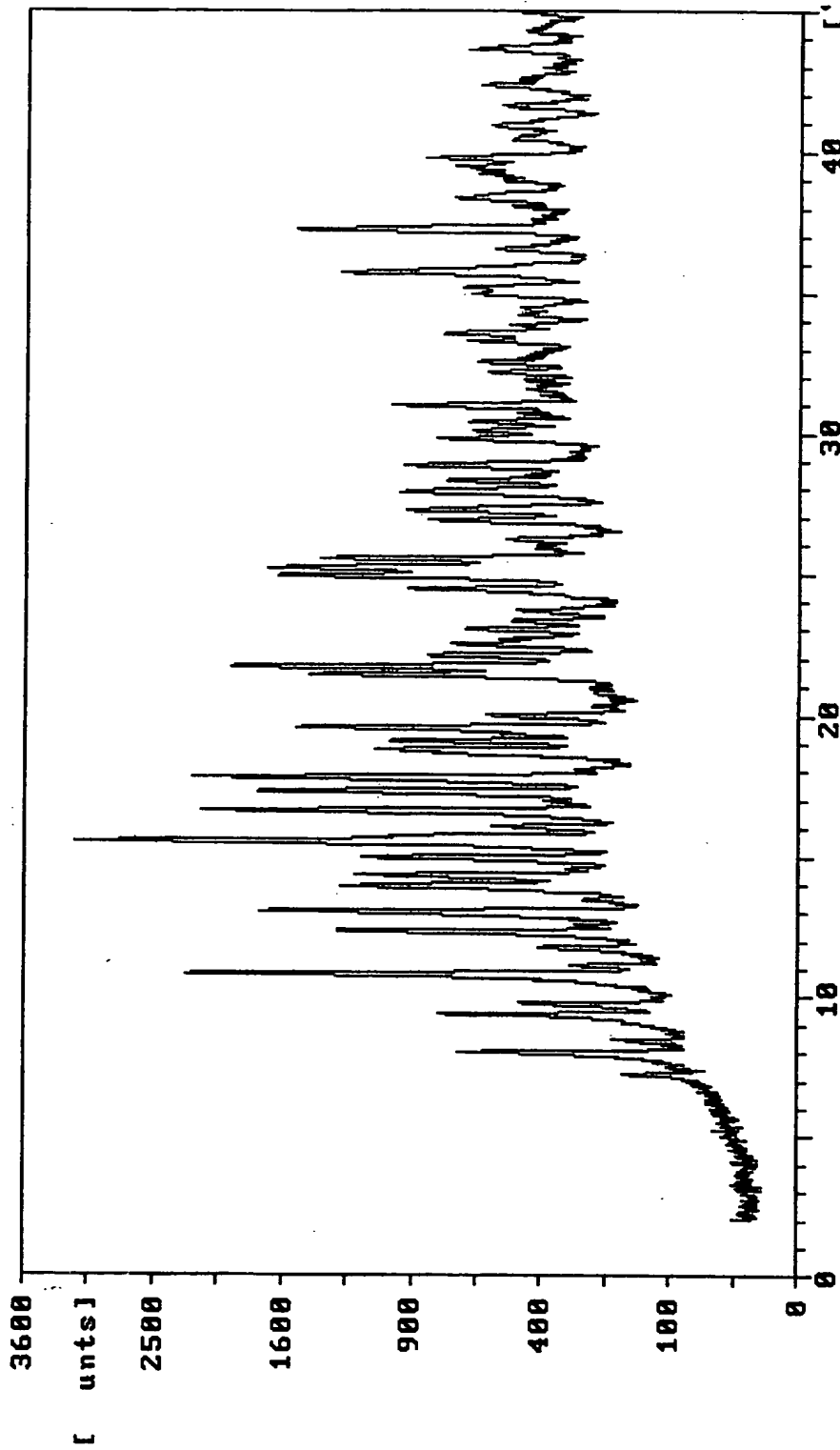


Figure 19

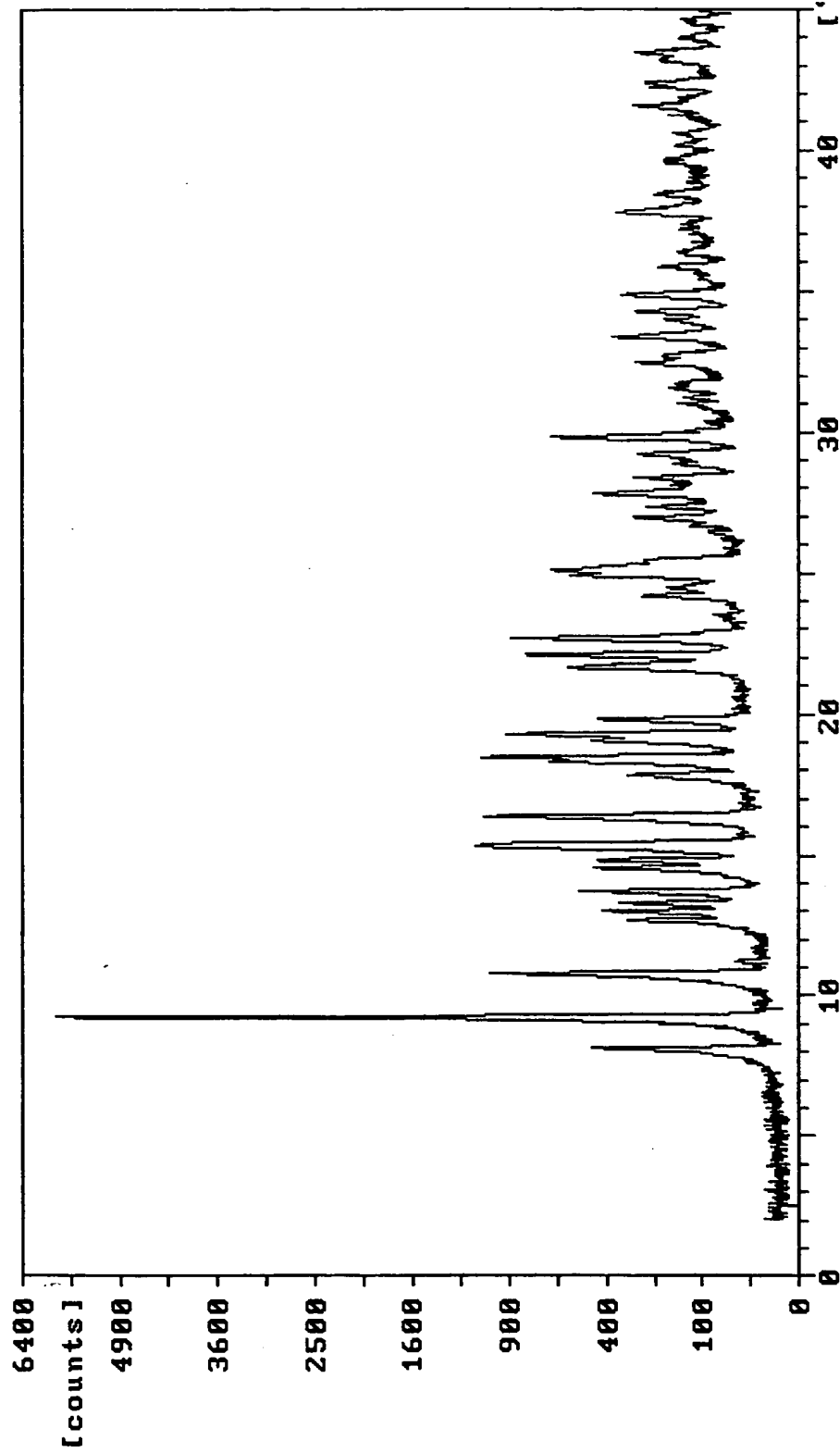


Figure 20

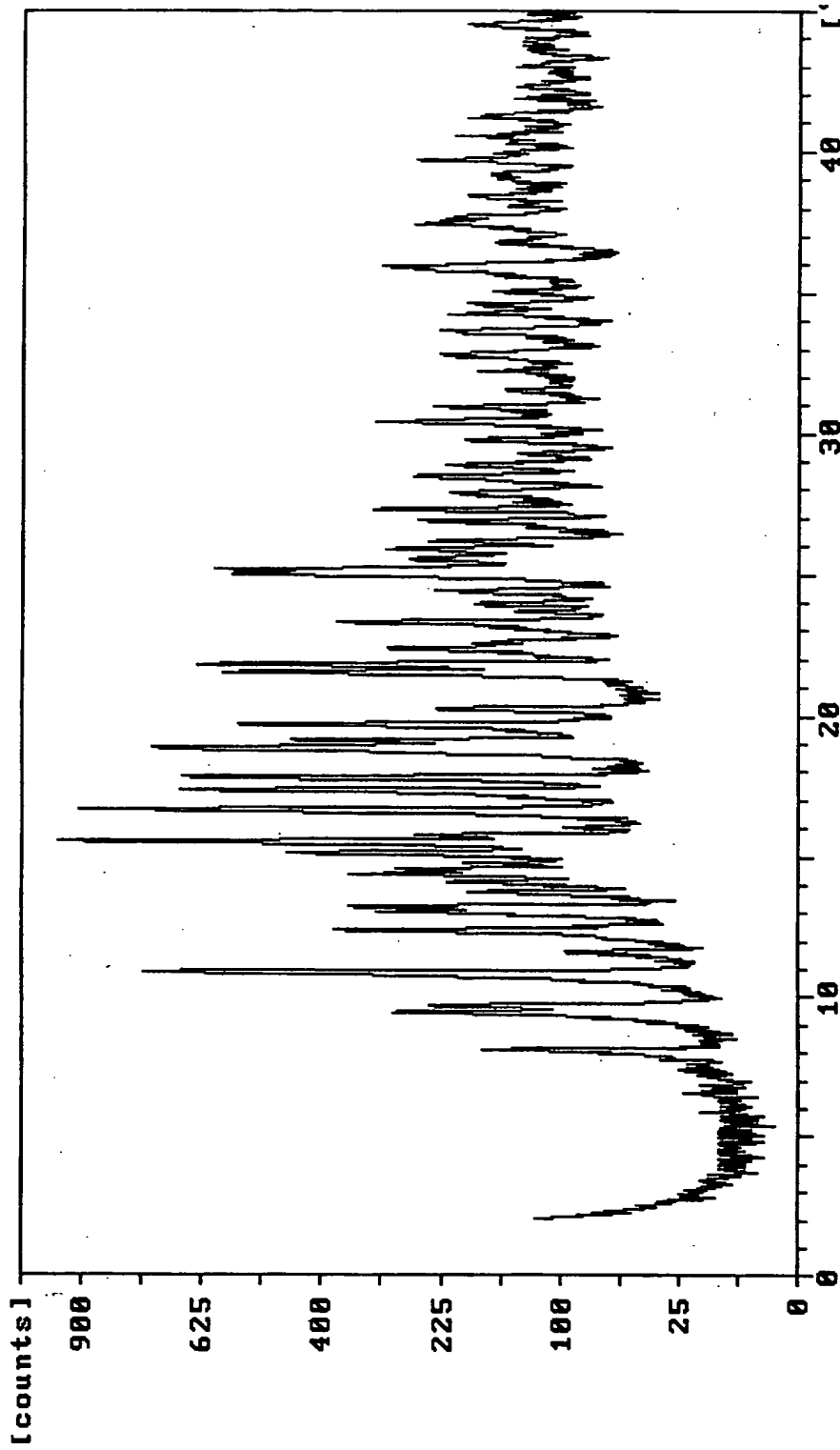


Figure 21

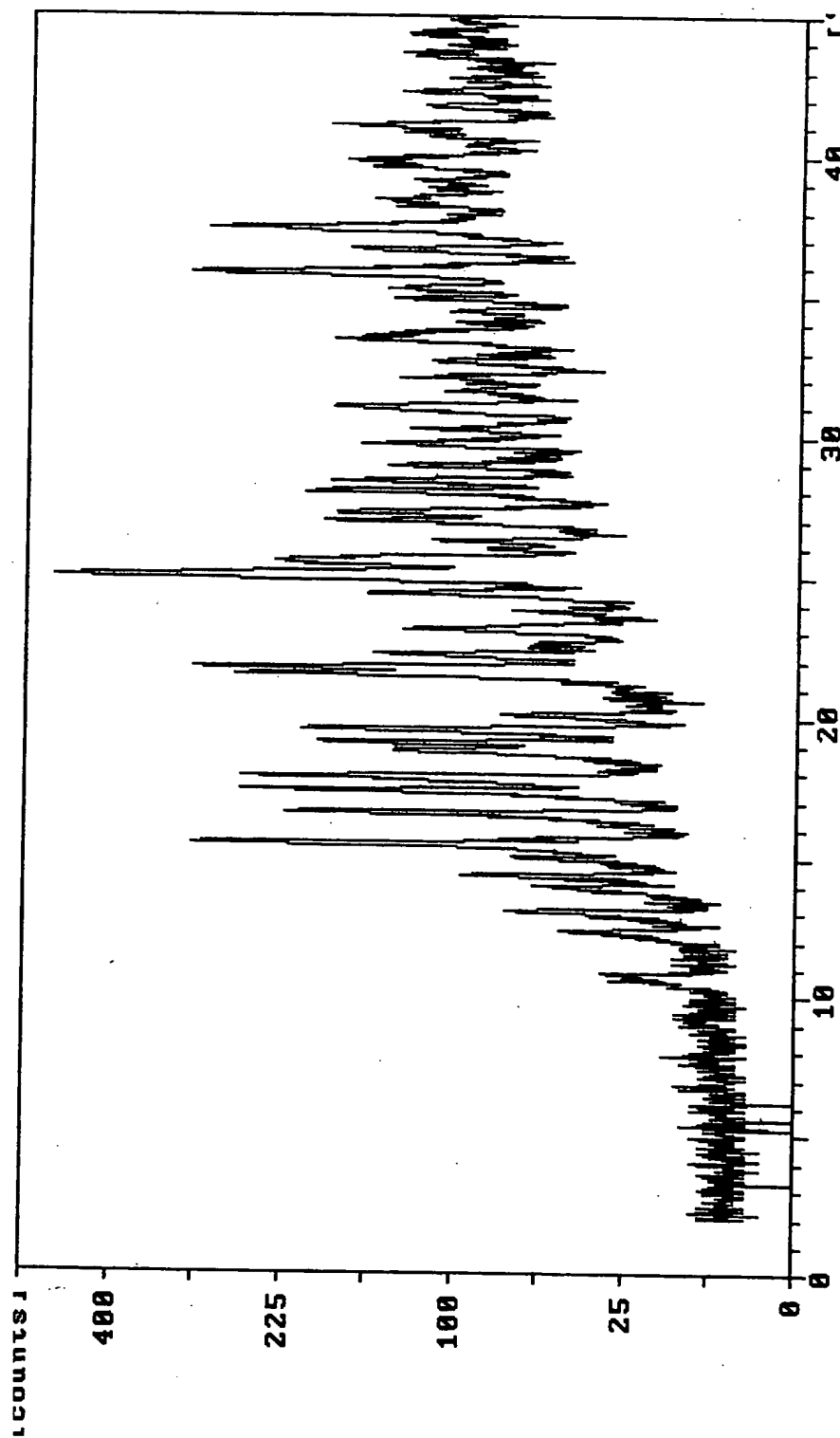


Figure 22

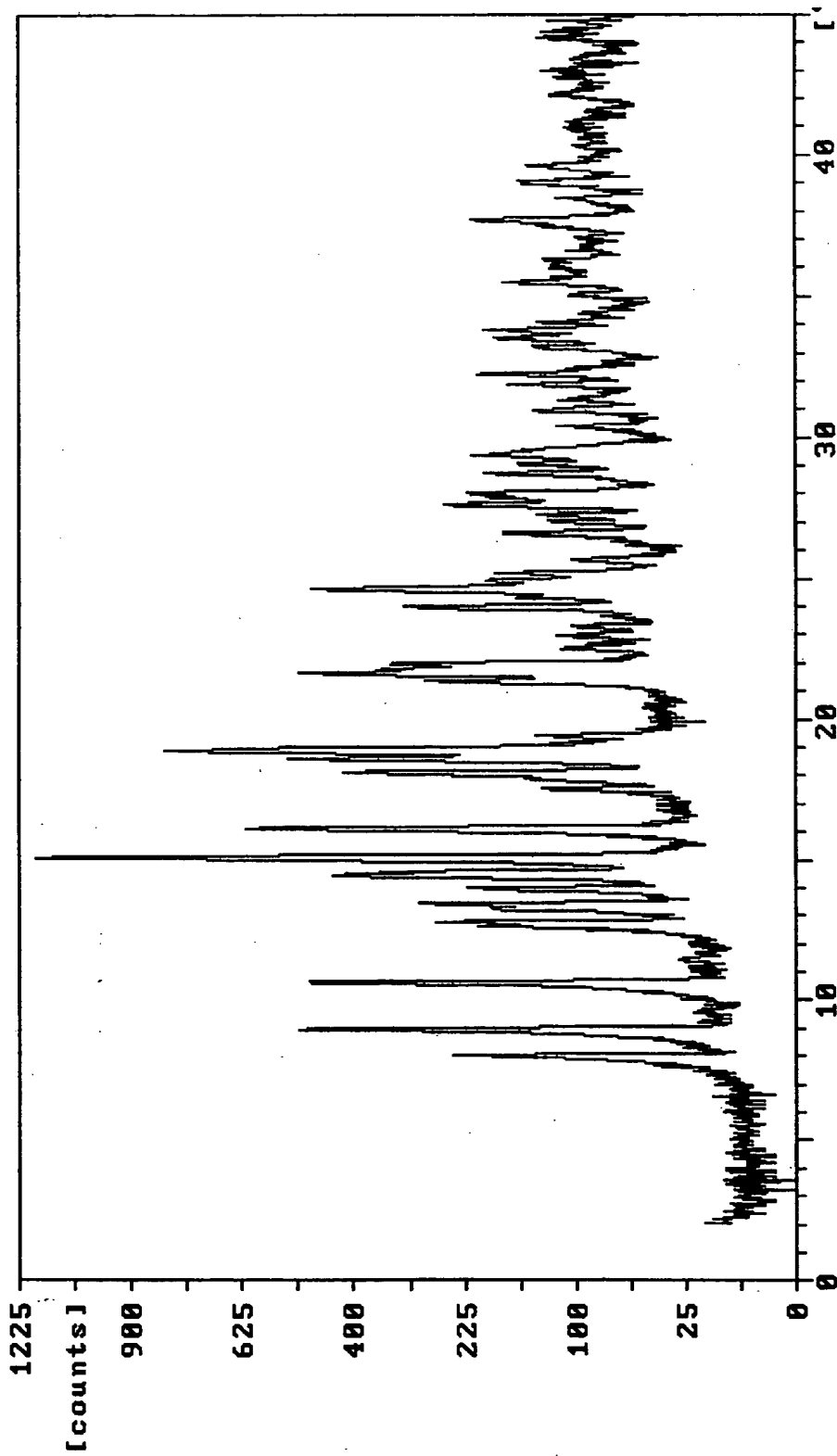


Figure 23

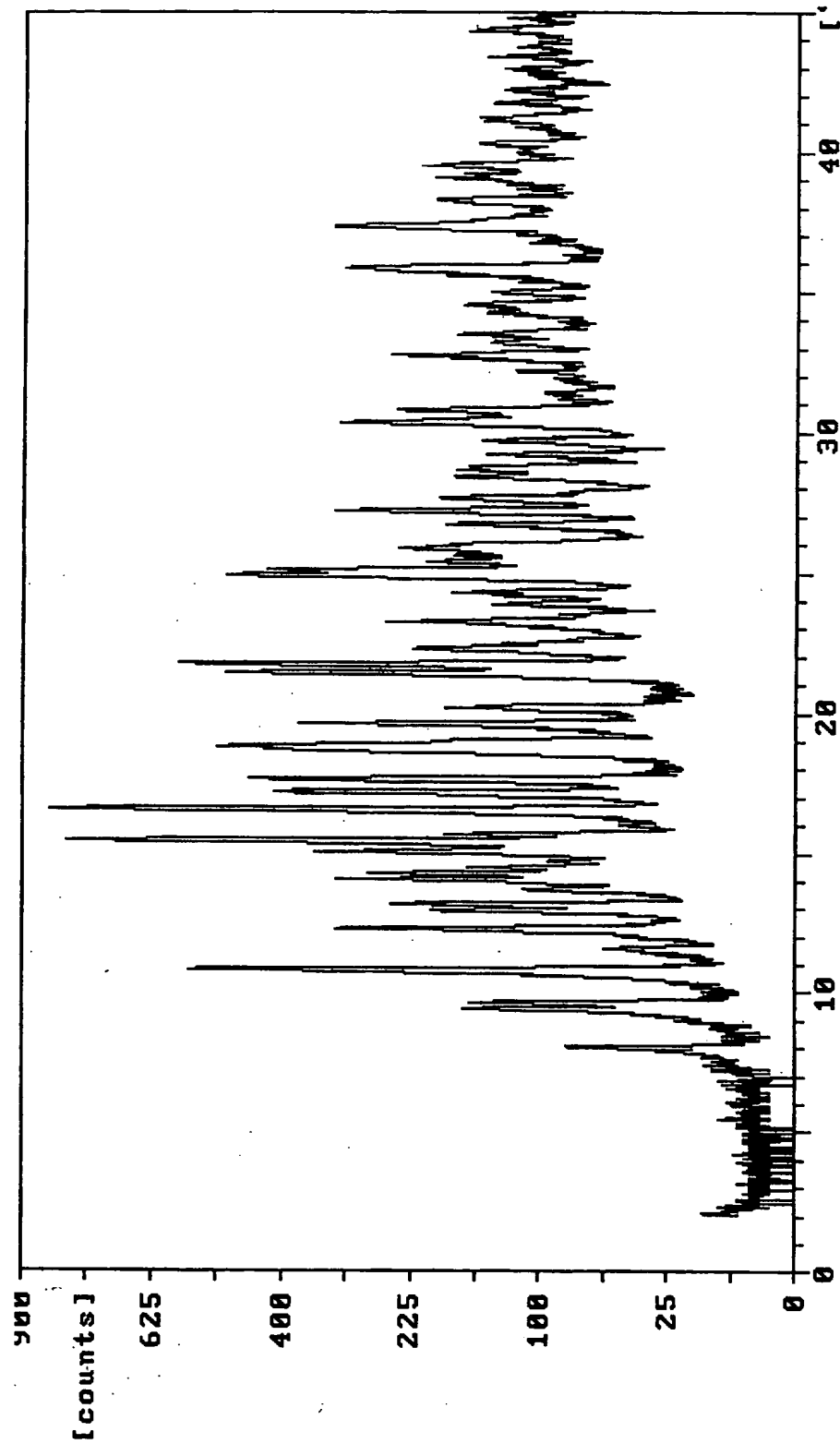




Figure 24

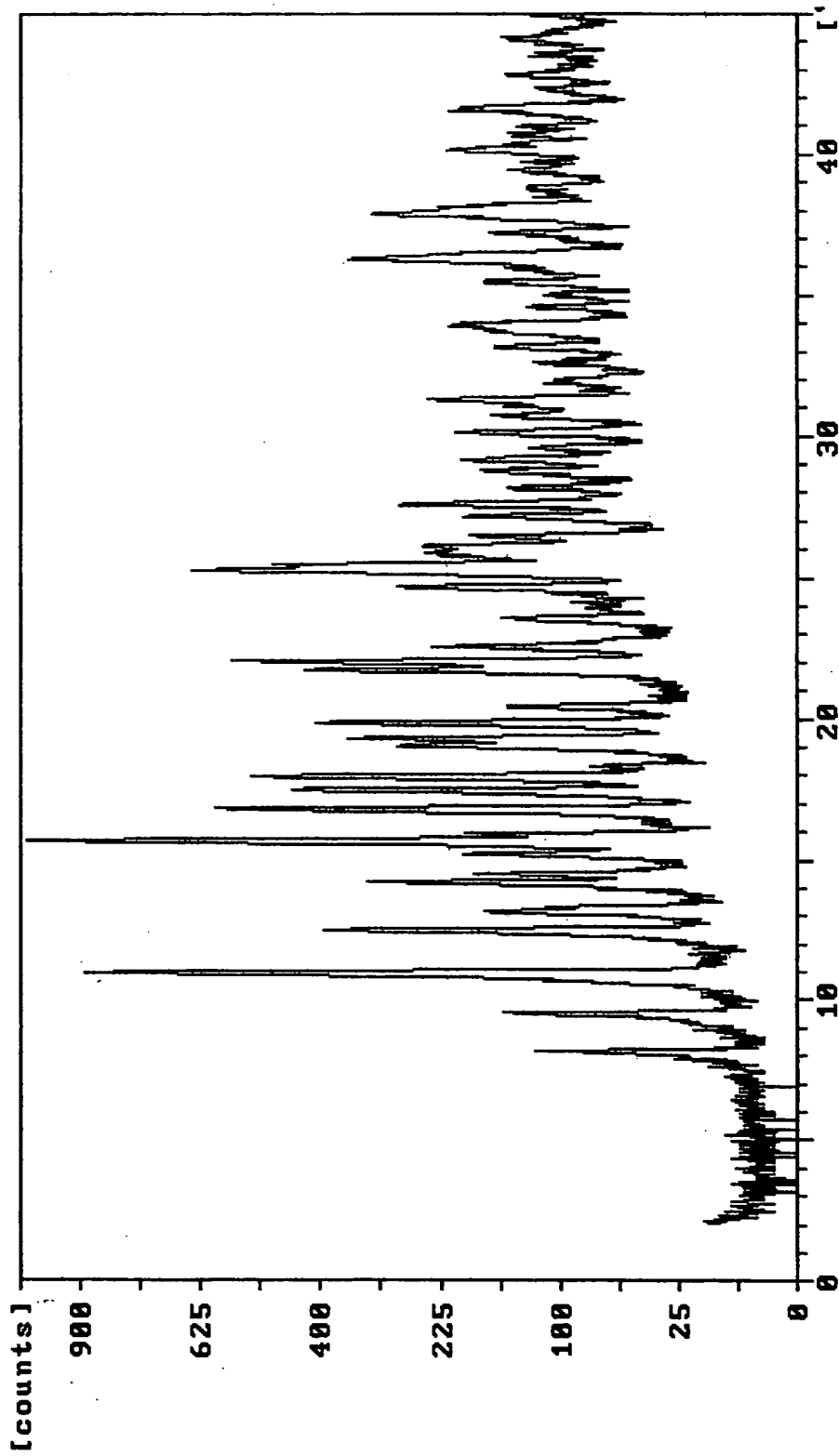


Figure 25

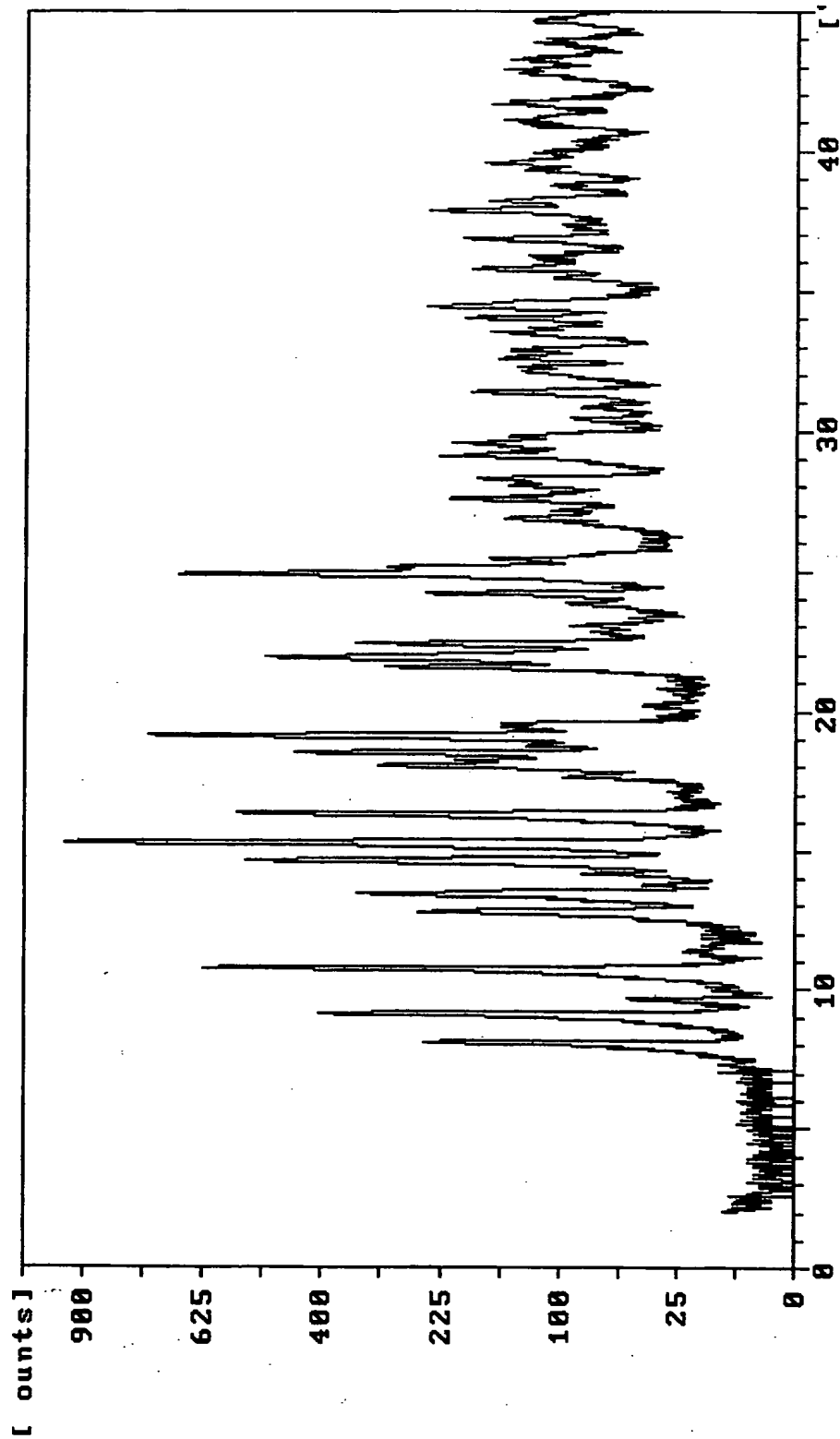


Figure 26

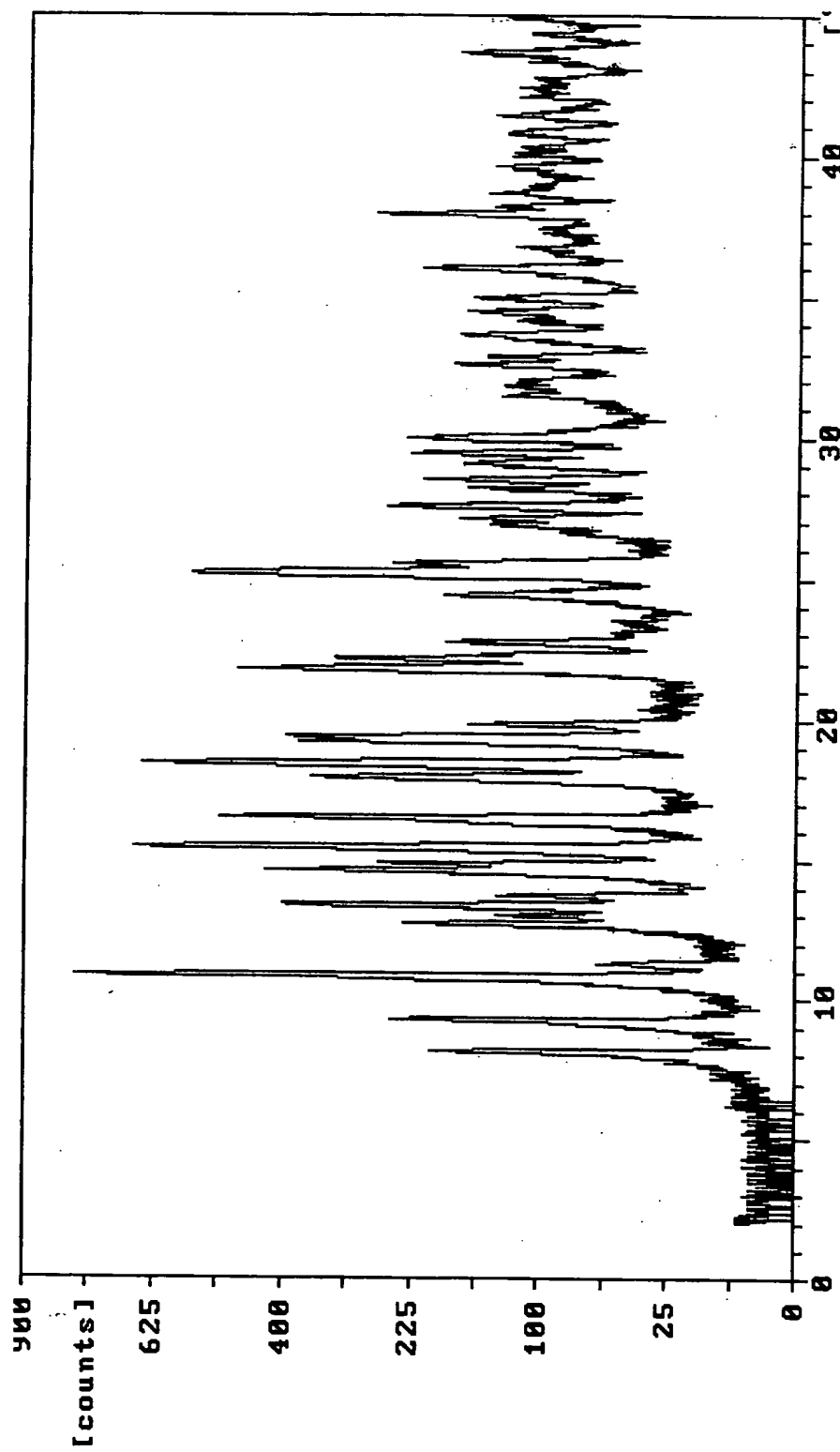


Figure 27

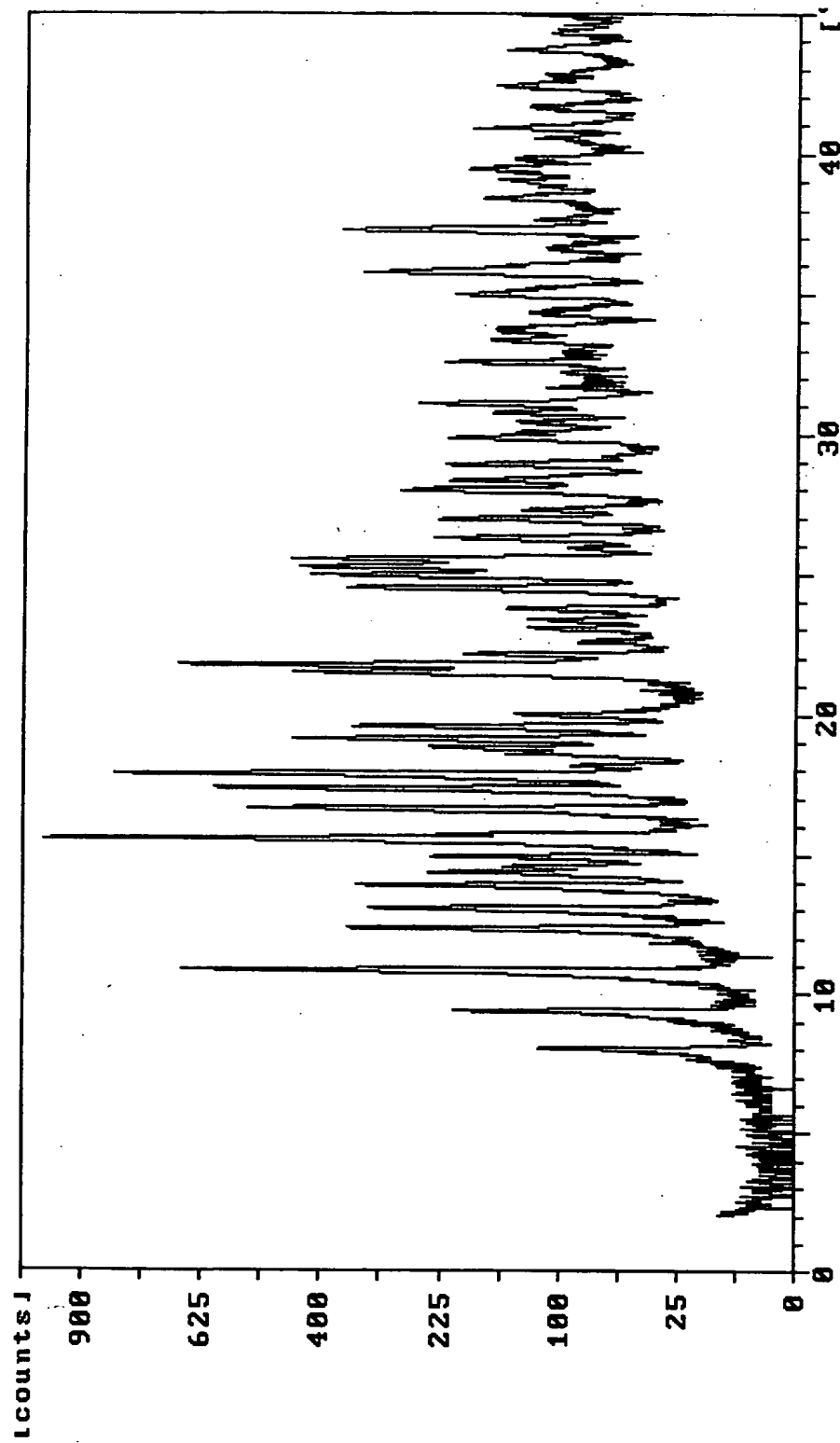
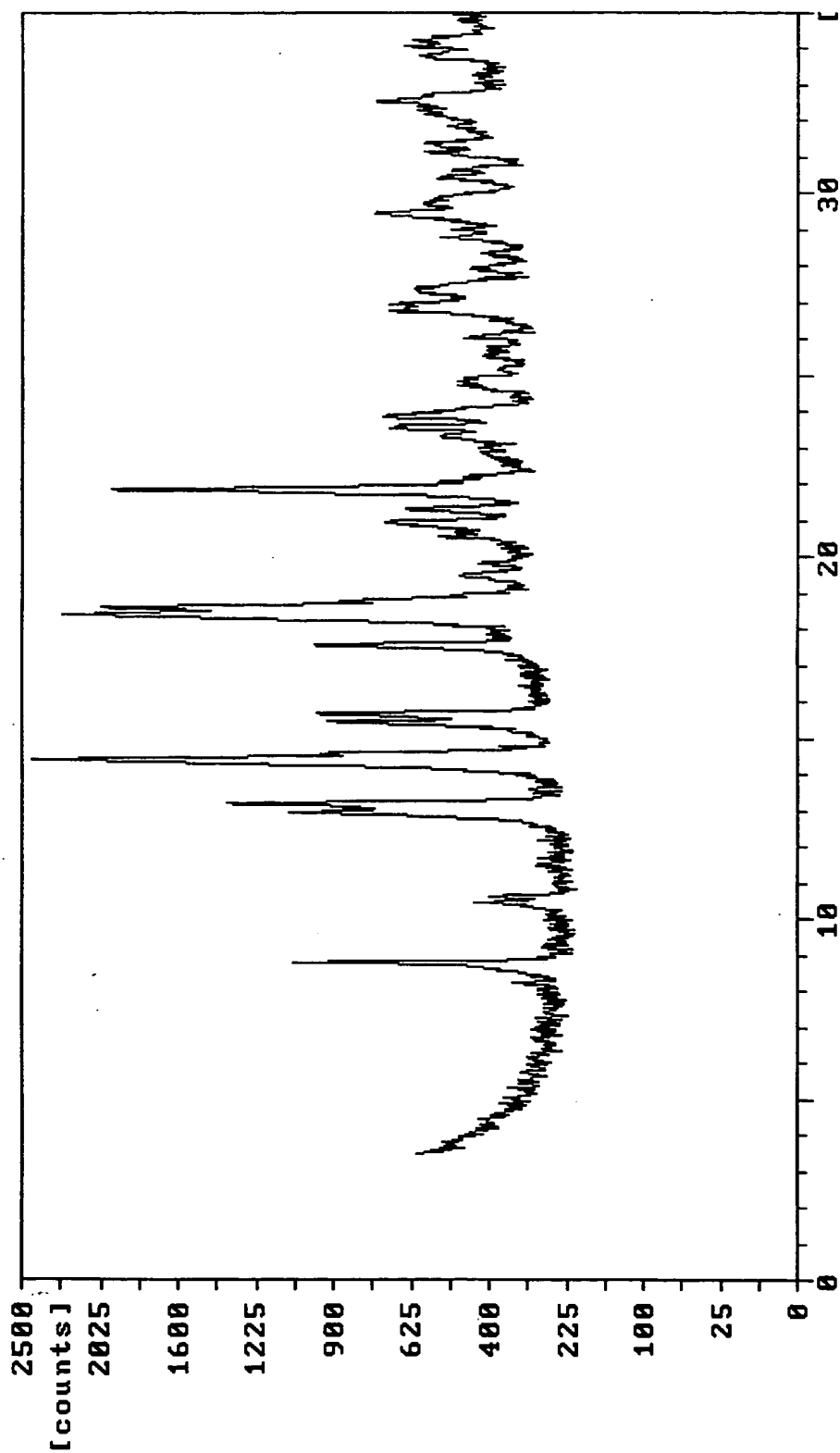
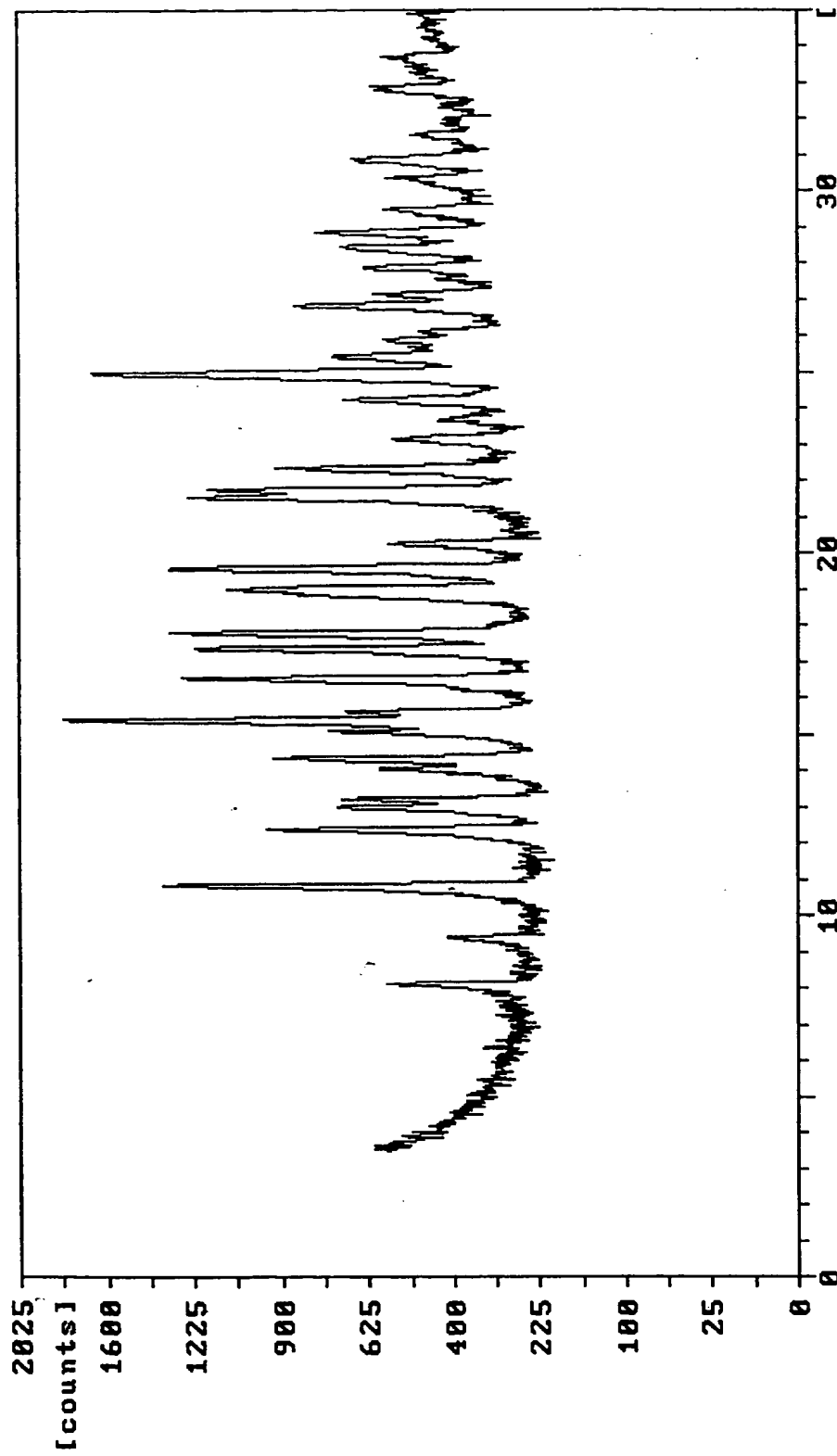


Figure 28



[illegible]

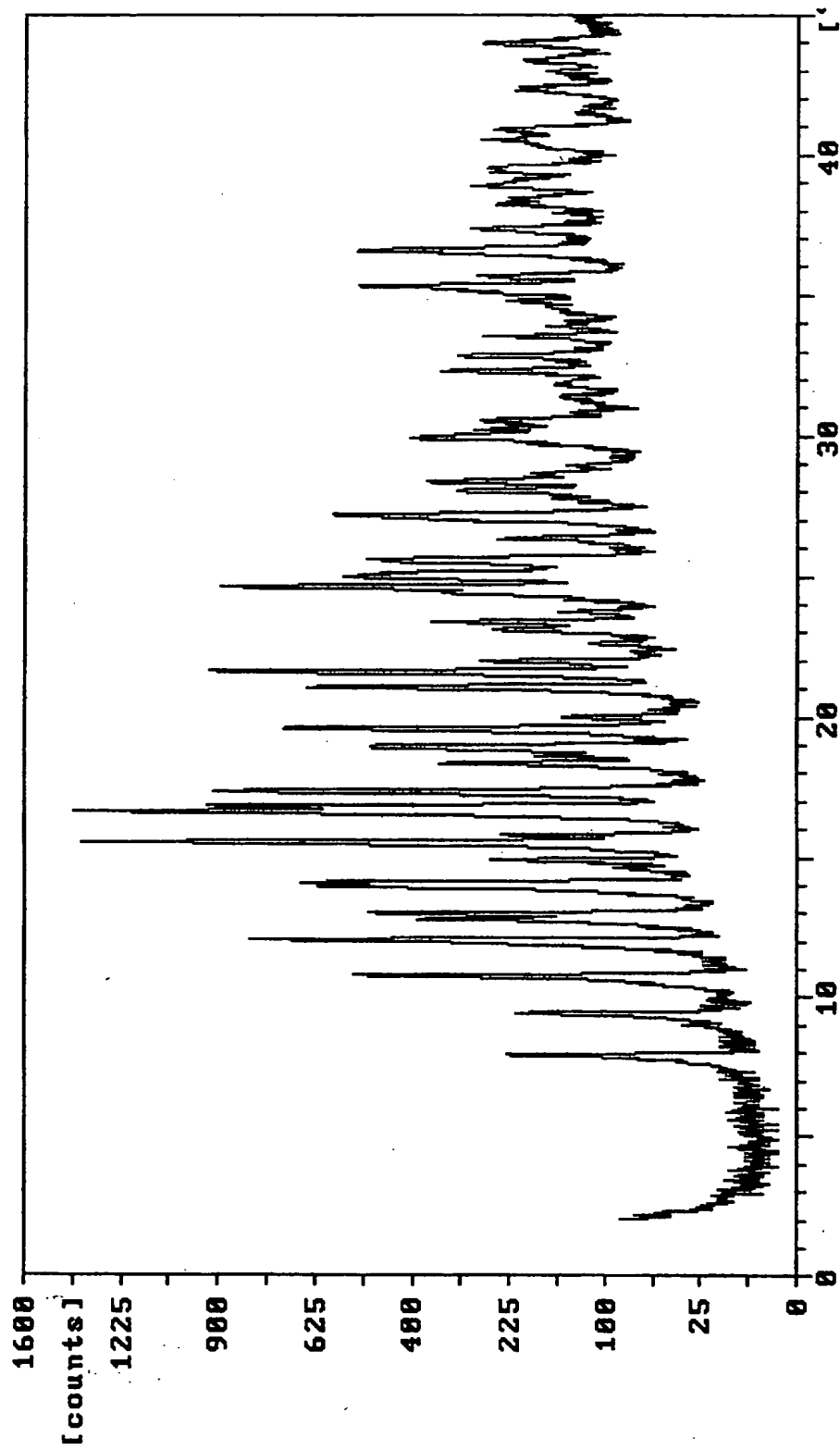
[illegible]

Figure 31

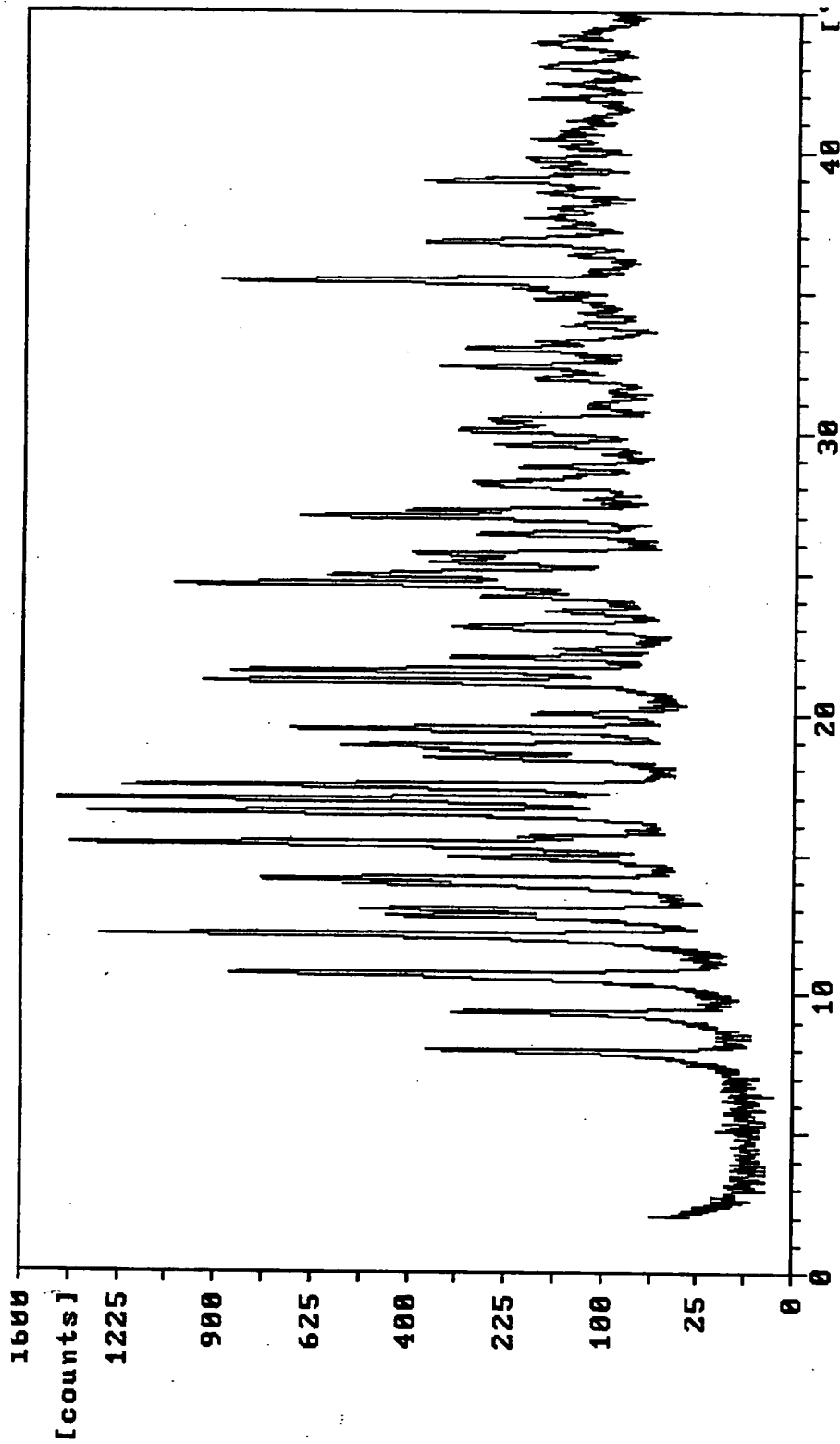




Figure 32

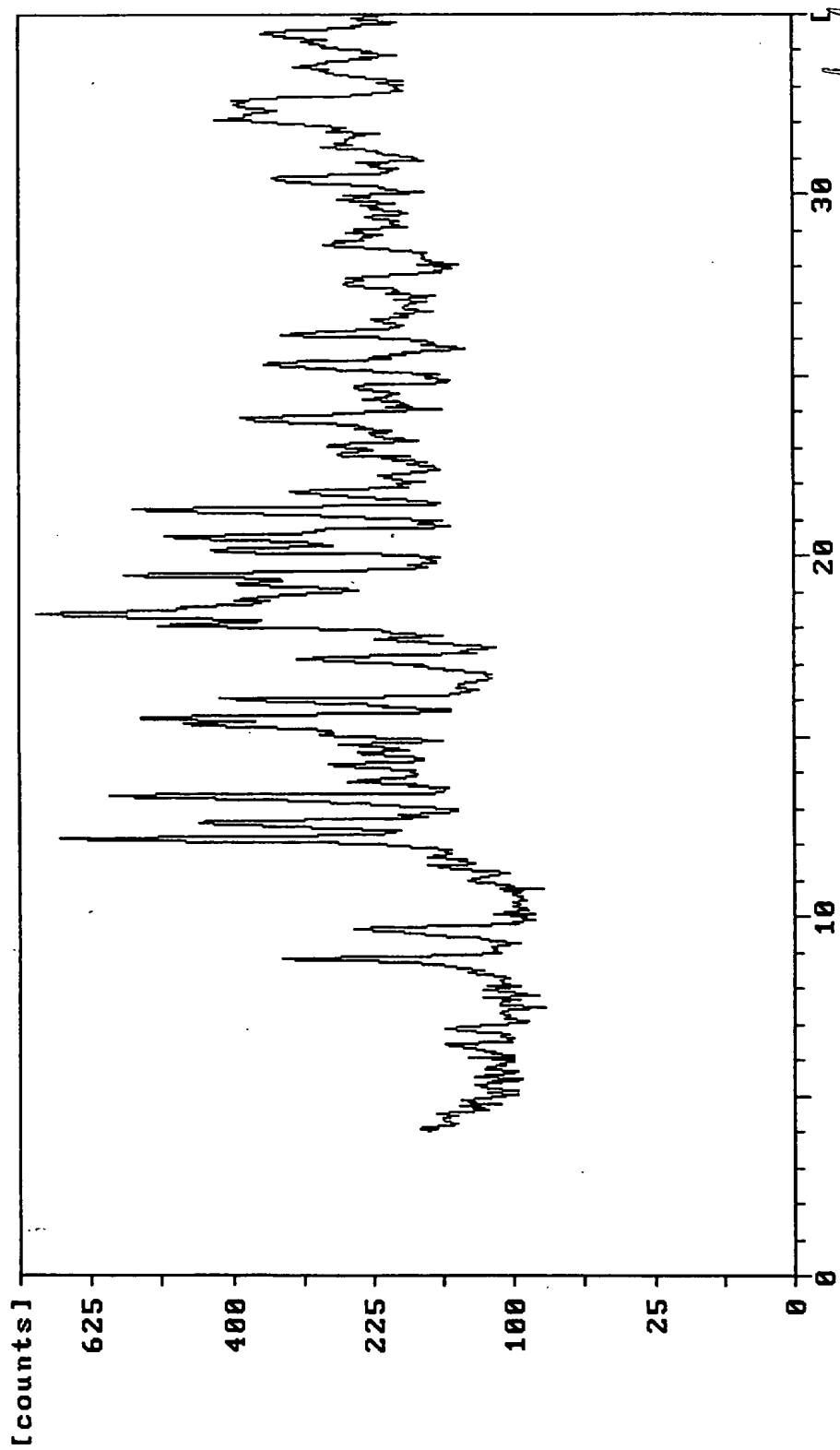


Figure 33

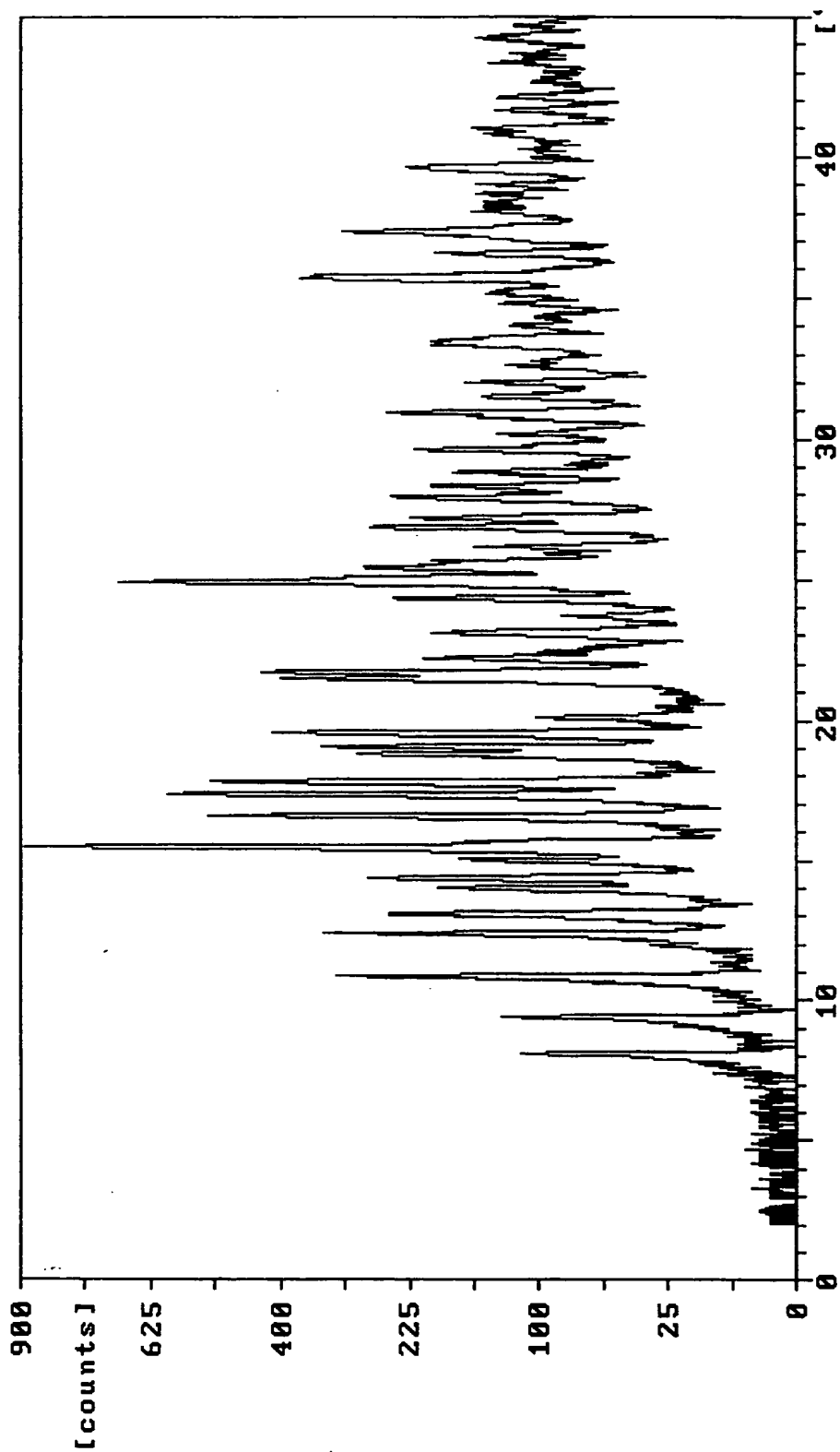


Figure 34

